UTILITY PATENT APPLICATION TRANSMITTAL

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(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	0960-029
First Inventor	Hales et al.
Title	Bi-Directional Transfer
Express Mail Label No.	EV406651495US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450						
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 5] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets]	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 7 37 CFR 3.73(b) Statement						
5. Oath or Declaration [Total Sheets 1] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d))	11.						
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Application Data Sheet. See 37 CFR 1.76	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Check for \$425.00						
18. If a CONTINUING APPLICATION, check appropriate box, and sup specification following the title, or in an Application Data Sheet under 3							
Continuation Divisional Continua	tion-in-part (CIP) of prior application No.:						
5b, is considered a part of the disclosure of the accompanying continuation	Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an eath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPON	DENCE ADDRESS						
Customer Number: 26108	OR Correspondence address below						
Name							
Address							
City	State Zip Code						
Country	elephone Fax						
Name (Print/Type) Kevin E. Pfyny	Registration No. (Attorney/Agent) 37,325						
Signature Office	Date March , 2004						

This collection of information is required by 37 CFR 163(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Approved for use through 04/30/2003. OMB 0651-0032
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FFF TDANCMITTAL	Complete if Known				
FEE TRANSMITTAL	Application Number	Unassigned			
for FY 2003	Filing Date	Herewith			
	First Named Inventor	Hales et al.			
Effective 01/01/2003. Patent fees are subject to annual revision.	Examiner Name	Unassigned			
Applicant claims small entity status. See 37 CFR 1.27	Group / Art Unit	Unassigned			
TOTAL AMOUNT OF PAYMENT (\$) 425.00	Attorney Docket No.	0960-029			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
		3. ADDITIONAL FEES					
☐ Credit card ☐ Money ☐ Other ☐ None Order		Large	Entity	Small E	ntity		
Deposit Account:			Fee	Fee	Fee		
Deposit		Fee Code	(\$)	Code	(\$)	Fee Description	Fee Paid
Account		1051 1052	130	2051	65	Surcharge - late filing fee or oath	
Number			50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit		1053	130	1053	130	Non-English specification	
Account			2,520	1812	2,520	For filing a request for reexamination	
Name The Commissioner is authorized to: (check all that apply)			920*	1804	920°	Requesting publication of SIR prior to Examiner action	
☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this application			1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	ndicated below, except for the filing fee	1251	110	2251	55	Extension for reply within first month	
to the above-ident	ified deposit account. FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	
1 BASICEII	ING FEE	1253	950	2253	475	Extension for reply within third month	
BASIC FILING FEE Large Entity			1,480	2254	740	Extension for reply within fourth month	
	fee Fee <u>Fee Description</u> Code (\$) Fee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month	\Box
* * *	2001 385 Utility filing fee 385.00	1401	330	2401	165	Notice of Appeal	
	2002 170 Design filing fee		330	2402	165	Filing a brief in support of an appeal	
ı	2003 265 Plant filing fee	1403	290	2403	145	Request for oral hearing	
1004 770 2	2004 385 Reissue filing fee		1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filling fee		1452	110	2452	55	Petition to revive – unavoidable	
SUBTOTAL (1) (\$) 385.00			1,330	2453	665	Petition to revive - unintentional	
		1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIN		1502	480	2502	240	Design issue fee	
	Extra Fee from Fee Claims below Paid	1503	640	2503	320	Plant issue fee	
Total Claims 3	-20 ** = 0 x 9 = 0	1460	130	1460	130	Petitions to the Commissioner	
Independent		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Ctaims 1	-3 ** = 0 X 43 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent Large Entity Small Entity		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
Fee Fee Fee Fee Description Code (\$) Code (\$)		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18	2202 9 Claims in excess of 20	1810	770	2810	385	For each additional invention to be	
1201 86	2201 43 Independent claims in excess of 3	1		l		examined (37 CFR § 1.129(b))	\vdash
1203 290	2203 145 Multiple dependent claim, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86	2204 43 ** Reissue independent claims over original patent		900	1802	900	Request for expedited examination of a design application	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			Other fee (specify)				
	SUBTOTAL (2) (\$) 0 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 4				aid SUBTOTAL (3) (\$) 40.	.00	
**or number prev	iously paid, if greater; For Reissues, see above				_		

SUBMITTED BY				Complete (if applicable)		
Name (Print/Type)	Kevin E. Flynn	Registration No. Attorney/Agent)	37,325	Telephone	919-544-5444	
Signature	IL.	Fly_		Date	March // , 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, Washington, DC 20231.

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

Express Mail mailing label number:

EV 406651495 US

Applicant:

Hales et al.

Title:

Bi-directional Transfer of Signals Between a Power Line Communication System and a Coaxial Distribution System

Date of Deposit

March 11, 2004

Type of Document(s)

Certificate of Express Mailing (1 page);

Utility Patent Application Transmittal (1 page); Fee Transmittal Form (1 page) in duplicate;

Check in the amount of \$425 (\$385 small entity filing fee

and \$40 Assignment recordation fee);

Specification (5 pages including 3 claims and Abstract);

Drawing (1 sheet);

Facsimile copy of executed Declaration (1 page); Facsimile copy of executed Power of Attorney; Facsimile copy of executed Statement under 37 C.F.R.

Application Data Sheet (3 pages);

Facsimile copy of executed Assignment with recordation

cover sheet; and

Return Receipt Postcard.

Serial No.:

Unassigned

Filing Date:

Herewith

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on March 11, 2004 and is addressed to the Mail Stop Patent Application, Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450.

Signature⁷

Lynette M. Bailey